



Comes. and Mail
BOX AF

**AMENDMENT UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
GROUP 2853
PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Docket No: Q58793

Shuhei HARADA, et al.

Appln. No.: 09/545,834 Group Art Unit: 2853

Confirmation No.: 3167 Examiner: Ly T. TRAN

Filed: April 10, 2000

For: INK JET RECORDING APPARATUS AND CLEANING CONTROL METHOD FOR
RECORDING HEAD INCORPORATED THEREIN

AMENDMENT UNDER 37 C.F.R. § 1.116

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 30, 2004, please amend the above-

identified application as follows on the accompanying pages.

TABLE OF CONTENTS

| | |
|--------------------------------|----|
| AMENDMENTS TO THE CLAIMS | 2 |
| REMARKS | 27 |

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No. 09/545,834
Attorney Docket No. Q58793

Therefore, deforming a diaphragm to close an exit port when negative pressure is applied to a valve control chamber would be contrary to the disclosure of Hoen.

Therefore, for at least those reasons set forth above, Applicants submit that Hoen fails to anticipate any of Claims 80 and 89-91, and respectfully request that the rejections thereof be reconsidered and withdrawn.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Laura Moskowitz
Registration No. 55,470

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Faxsimile: (202) 293-7860

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: March 28, 2005

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

09545834

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER TH/ SMALL ENTI

| FOR | NUMBER FILED | NUMBER EXTRA |
|--|------------------|--------------|
| BASIC FEE (37 CFR 1.16(a)) | | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | minus 20 = | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | (37 CFR 1.16(d)) | |

| RATE | FEES |
|------------|----------|
| | \$ _____ |
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL | |

| RATE | FEES |
|------------|----------|
| | \$ _____ |
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER TH/ SMALL ENTI

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total (37 CFR 1.16(c)) | | Minus | ** | = |
| Independent (37 CFR 1.16(b)) | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total (37 CFR 1.16(c)) | | Minus | ** | = |
| Independent (37 CFR 1.16(b)) | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| 3-28-05 | | Minus | ** 195 | = 5 |
| Total (37 CFR 1.16(c)) | 200 | Minus | ** 9 | = 5 |
| Independent (37 CFR 1.16(b)) | 9 | Minus | *** 9 | = — |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ | = _____ |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ 250 | = 250 |
| X \$ _____ | = _____ |
| + \$ _____ | = _____ |
| TOTAL ADD'L FEE | |

250
Pd.

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.